

MS/MS Parameters of Pesticides

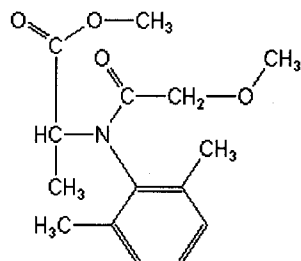
Analyte: Metalaxyl-M

CAS No.: 70630-17-0

Formula: C₁₅H₂₁NO₄

Molecular mass (lowest isotopes): 279,15 amu

Structure:



Ionisation: ESI +

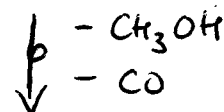
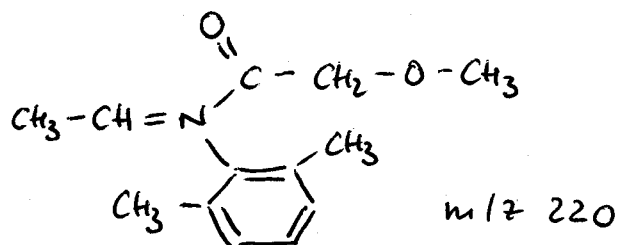
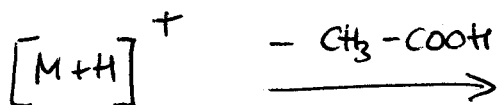
Quasimolecular ion: 280,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	280,1 → 220,0	280,1 → 159,9
Declustering potential (DP) ^{*)}	49 V	49 V
Focusing potential (FP)	300 V	350 V
Entrance potential (EP)	12,0 V	11,5 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	19 V	31 V
Collision cell exit potential (CXP)	12 V	8 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



m/z 160

